

Confidential
DECLASSIFIED

STATISTICS DIVISION

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. $33^{\circ} 54' 22''$ N.

LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

AUGUST, 1942

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Printed at the American Press
Beirut, Syria

STATISTICS DIVISION

AUGUST 1942

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	*8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	54.3	54.2	54.0	54.2	33.5	24.6	27.7	33.4	27.7	29.6
2	3.9	4.3	4.8	4.3	33.5	24.0	28.6	32.6	26.8	29.3
3	4.7	5.0	5.1	4.9	34.2	24.0	28.9	32.2	26.9	29.3
4	5.6	5.3	4.9	5.3	33.5	23.4	28.1	32.2	26.3	28.9
5	4.8	4.5	4.8	4.7	33.5	23.0	28.6	32.9	26.3	29.3
6	55.7	55.4	55.7	55.6	33.5	22.8	28.3	33.2	26.6	29.4
7	5.9	6.1	6.1	6.0	33.1	22.7	28.1	33.1	26.6	29.3
8	6.0	5.8	5.2	5.7	32.6	24.3	28.2	32.1	26.2	29.8
9	5.4	5.1	5.9	5.5	32.5	25.0	27.8	32.4	27.3	29.2
10	6.5	5.9	6.0	6.1	32.5	24.3	29.5	32.0	26.7	29.4
11	55.8	56.1	55.8	55.9	32.1	23.6	27.2	29.1	26.3	27.5
12	6.3	6.3	6.9	6.5	32.8	24.6	27.7	31.3	27.2	28.7
13	7.1	7.6	7.9	7.5	32.5	23.9	27.1	31.7	27.1	28.6
14	8.3	8.3	8.2	8.3	32.0	24.1	28.2	31.2	27.4	28.9
15	8.1	7.3	6.8	7.4	32.0	25.6	28.3	30.6	26.6	28.5
16	56.3	55.9	55.3	55.8	31.5	24.7	28.1	30.8	27.3	28.7
17	6.0	5.4	7.7	6.4	30.6	22.9	26.9	29.3	25.9	27.4
18	5.5	5.2	5.2	5.3	32.8	23.4	28.0	32.2	27.0	29.1
19	6.2	6.3	6.6	6.4	32.8	23.3	26.7	31.6	26.7	28.3
20	6.3	5.7	5.7	5.9	32.5	25.1	26.3	32.2	26.7	28.4
21	55.3	55.2	55.9	55.5	32.2	23.4	26.4	31.5	26.1	28.0
22	6.4	5.8	6.0	6.1	31.6	23.9	26.7	29.7	25.7	27.4
23	6.6	6.3	6.3	6.4	32.3	23.6	27.1	31.6	26.1	28.3
24	6.9	6.8	7.3	7.0	32.0	23.1	27.1	31.7	25.9	28.2
25	8.1	8.0	8.1	8.1	32.8	23.4	27.2	32.2	25.9	28.4
26	58.4	58.2	58.0	58.2	32.4	24.3	26.3	31.2	26.9	28.1
27	7.7	6.8	6.1	6.9	33.2	24.9	27.5	32.1	27.7	29.1
28	6.4	5.7	5.9	6.0	31.3	24.9	28.3	29.4	26.5	28.1
29	6.4	6.9	7.1	6.8	32.2	23.9	27.2	31.7	26.1	28.3
30	8.1	7.5	7.3	7.6	32.5	23.2	26.7	32.5	26.2	28.5
31	7.0	6.5	6.7	6.7	31.9	22.8	26.6	31.4	25.5	27.8
	56.32	56.10	56.23	56.22	32.52	23.89	27.59	31.64	26.58	28.63

Barometer, range for month 753.9 mm.—758.4 mm.

„ 62-yr. average for month 756.08 mm.

Thermometer, range for month 22.7°C .— 34.2°C .

„ 62-yr. average for month 28.50°C .

Rain, total for month 0.76 mm.

„ , 62-yr. average for month 0.51 mm.

„ , total, from Sept. 1st 886.96 mm.

62-yr. average, total from Sept. 1st 884.92 mm.

*Summer time

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METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain mm.
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean			
1	21.4	22.1	22.4	22.0	77	57	81	72	11.8	468.8	
2	22.0	22.6	22.4	22.3	75	61	86	74	12.3	352.0	
3	19.6	21.0	19.7	20.1	63	58	75	66	12.2	264.0	
4	18.6	20.4	20.0	19.0	58	57	78	64	12.0	232.0	
5	20.5	22.9	21.8	21.7	70	61	86	72	12.3	304.0	
6	20.5	21.2	21.4	21.0	72	56	82	70	12.4	336.0	
7	20.6	20.8	21.5	21.0	73	55	83	70	12.2	400.0	
8	20.9	21.4	21.9	21.4	73	59	97	73	12.0	282.0	
9	23.1	26.0	23.7	24.3	84	73	88	82	11.8	224.0	
10	23.4	21.6	20.9	22.0	76	61	81	73	12.4	168.0	
11	21.1	21.1	20.4	20.9	78	70	80	76	5.5	336.0	
12	19.8	20.9	21.3	20.7	72	61	80	71	8.8	352.0	
13	19.6	20.2	19.9	19.9	74	58	76	69	11.3	296.0	
14	18.3	19.4	21.0	19.6	64	56	77	66	11.5	360.0	
15	18.4	21.0	21.4	20.3	64	64	83	70	12.2	160.0	
16	21.9	22.3	21.9	22.0	78	67	82	76	6.5	233.6	
17	20.8	20.6	19.2	20.2	79	67	77	74	6.0	372.6	
18	17.6	21.2	21.2	20.0	62	59	81	67	12.0	284.8	
19	22.3	22.8	20.9	22.0	86	66	81	78	11.6	264.0	
20	18.4	19.0	18.9	18.8	72	53	72	66	11.0	464.0	
21	20.7	17.6	17.9	18.7	81	51	71	68	10.8	400.0	0.76
22	15.7	18.3	19.2	17.8	59	59	78	65	11.0	192.0	
23	18.2	18.2	17.9	18.1	69	53	71	64	11.6	224.0	
24	17.0	19.3	19.7	18.7	64	55	79	66	11.4	220.6	
25	19.4	20.5	20.9	20.3	72	57	84	71	11.8	176.0	
26	20.4	21.6	20.6	20.9	80	63	78	74	11.7	150.4	
27	20.1	23.9	22.1	21.7	74	65	81	73	11.0	256.0	
28	20.5	21.0	21.9	21.1	72	68	85	75	5.4	179.2	
29	18.1	19.0	19.0	18.7	68	54	75	66	9.0	372.8	
30	17.3	20.4	19.0	18.9	66	56	74	65	11.4	392.0	
31	15.6	18.2	16.3	16.7	61	52	67	60	9.6	502.4	
	19.66	20.82	20.52	20.34	71.5	59.7	79.3	70.2	10.73	297.40	.024

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of readings minus 3 hours equals G. C. T.

62-year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	8cu	1cu	0	3.0	1sw	3sw	1sw	calm	H all p.m.
2	0	0	0	0.0	2sw	1sw	0	"	H at noon
3	0	0	0	0.0	0	1nw	1nw	light	" " "
4	0	0	0	0.0	0	1nw	1nw	calm	
5	0	0	0	0.0	1sw	1sw	0	light	
6	0	0	0	0.0	1sw	2sw	0	calm	
7	0	1cu	0	0.3	2sw	1sw	1sw	"	
8	0	0	0	0.0	0	2sw	0	"	
9	5cu	0	0	1.7	1nw	1n	0	"	H all p.m.
10	1cu	10cu	0	3.7	1nw	1w	0	"	H 8.30 p.m.
11	2cu	10cu	2cu	4.7	0	1sw	0	calm	Fog over Mt.
12	0	8cu	1cu	3.0	1sw	2sw	1sw	"	
13	5cu	4cu	10cu	6.3	1w	3w	1w	"	
14	0	0	8cu	2.7	1w	2nw	2nw	"	
15	0	0	0	0.0	0	1nw	1nw	"	
16	1cu	4cu	10cu	5.0	0	2nw	1w	calm	
17	10cu	10cu	0	6.7	1sw	2w	1w	"	
18	0	0	8cu	2.7	1s	2sw	0	"	
19	0	7cu	3cu	3.3	1sw	2sw	1w	light	
20	2cu	0	4cu	2.0	2sw	3sw	2sw	"	
21	8cu	2cu	7cu	5.7	2sw	4sw	1w	slight	
22	0	0	0	0.0	0	1nw	0	light	
23	3cu	0	10cu	4.3	1nw	2nw	0	calm	
24	1cu	1cu	1cu	1.0	0	2nw	0	"	
25	0	0	0	0.0	1s	2sw	0	"	
26	0	0	0	0.0	0	1nw	0	calm	
27	0	0	2stratus	0.7	1sw	2nw	1nw	"	
28	0	10cu	10cu	6.7	1nw	1nw	0	"	Tr. rain 8.30 p.m.
29	1cu	6cu	2cu	3.0	1sw	2sw	1sw	"	
30	8cu	1cu	2cu	3.7	1w	3nw	2nw	"	
31	0	1cu	2cu	1.0	2sw	3w	2w	"	W at night
				2.29					

* Abbreviations :— G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew.
W = strong wind.

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	0	0	0	0	2	13	3	4	9	31
14:30	1	0	0	0	0	13	4	12	0	31
20:30	0	0	0	0	0	5	6	6	14	31
Totals	1	0	0	0	2	32	13	22	23	93

Number of days with rain 1, fog 1, thunderstorms 0, gale 0.

62 yr. av. days with rain during month 0.2 days